

AMENDMENTS

In the claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-17. (canceled)

18. (currently amended) A vascular prosthesis for replacement of hollow organs with antibiotic long-term action with a basic structure which defines the form of the prosthesis and which is made of substantially non-absorbable or only slowly absorbable polymer material and of a coating of an absorbable material, with a layer of metallic silver situated on the polymer material and underneath the coating,

wherein the silver layer is a substantially closed layer having thickness of 2500 to 1000 Å, breaks down in the body at a maximum of 5 to 10% per annum, adheres firmly on the polymer material by vapor-deposition, and wherein and of which silver atoms of the silver layer are impressed into the polymer surface of the basic structure and the silver layer is a closed layer; and

the basic structure is porous made from a textile material, the silver layer leaves the pores open and the absorbable coating layer is an impregnation which seals the pores of the prosthesis and is chosen such that it is absorbed at the latest after four months.

19-24. (canceled)

25. (Previously presented) The prosthesis as claimed in claim 18, wherein the silver layer is composed exclusively of elemental silver.

26. (canceled)
27. (previously presented) The prosthesis as claimed in claim 18, wherein the absorbable coating is formed from optionally crosslinked biological material.
28. (previously presented) The prosthesis as claimed in claim 18, wherein the absorbable coating is made of synthetic polymers and copolymers which are absorbable in vivo.
29. (canceled)
30. (previously presented) The prosthesis as claimed in claim 18, wherein the coating of absorbable material in turn contains active substances which are released during absorption of the absorbable coating.
31. (canceled)
32. (previously presented) The prosthesis as claimed in claim 18, wherein the fibers of the textile basic structure are coated with silver at least at the locations which point toward at least one surface of the prosthesis.
33. (previously presented) The prosthesis as claimed in claim 32, wherein substantially the entire surface of the fibers being coated with silver.
34. (previously presented) The prosthesis as claimed in claim 18, wherein the basic structure is made from a sintered material.
35. (canceled)